



IFW

HIT 906-07

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

T. FURUHASHI et al

Serial No. 10/633,512

Group Art Unit: 2674

Filed: August 5, 2003

Examiner: X. Wu

For: LIQUID CRYSTAL DISPLAY CONTROL DEVICE

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Commissioner for Patents
Mail Stop DD
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is

a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

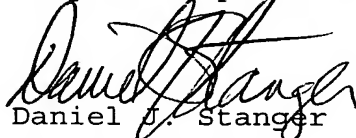
3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed.

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the documents because each is either in the English language or has an English-language Abstract.

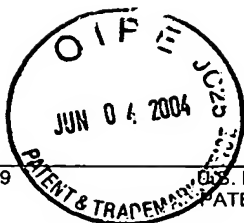
6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,



Daniel J. Stanger
Registration No. 32,846
Attorney for Applicants

MATTINGLY, STANGER & MALUR
1800 Diagonal Rd., Suite 370
Alexandria, Virginia 22314
(703) 684-1120
Date: June 4, 2004



FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. HIT 906-07	SERIAL NO. 10/633,512
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT T. FURUHASHI et al	
		FILING DATE August 5, 2003	GROUP 2674

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA 6,067,071	05/23/00	Kotha et al			
	AB 5,739,867	04/14/98	Eglit			
	AC 5,534,934	07/09/96	Katsumata et al			
	AD 5,532,716	07/02/96	Sano			
	AE 5,528,305	06/18/96	Kim			
	AF 5,469,223	11/21/95	Kimura			
	AG 5,874,937	02/23/99	Kesatoshi			
	AH 4,771,279	09/13/88	Hannah			
	AI 5,016,193	05/14/91	Stone et al			
	AJ 5,742,261	04/21/98	Yuki et al			
	AK 4,935,731	06/19/90	Takebe et al			

FOREIGN PATENT DOCUMENTS

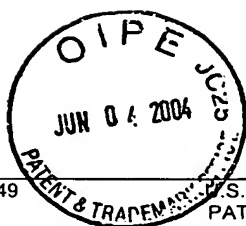
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AL 7-49662	02/21/95	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM 5-323899	12/07/93	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AN 2-9277	01/12/90	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AO 1-194784	08/04/89	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AP 5-119749	05/18/93	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. HIT 906-07	SERIAL NO. 10/633,512
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT T. FURUHASHI et al	
		FILING DATE August 5, 2003	GROUP 2674

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	6,118,429	09/12/00	Kasai et al		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AL	5-35209	02/12/93	Japan (w/ English Abstract)		<input type="checkbox"/>	<input type="checkbox"/>
	AM	4-331981	11/19/92	Japan (w/ English Abstract)		<input type="checkbox"/>	<input type="checkbox"/>
	AN	4-125586	04/27/92	Japan (w/ English Abstract)		<input type="checkbox"/>	<input type="checkbox"/>
	AO	2-1889	01/08/90	Japan (w/ English Abstract)		<input type="checkbox"/>	<input type="checkbox"/>
	AP	1-152497	06/14/89	Japan (w/ English Abstract)		<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
	AS	
	AT	

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
HIT 906-07SERIAL NO.
10/633,512**LIST OF DOCUMENTS CITED BY APPLICANT**
(Use several sheets if necessary)APPLICANT
T. FURUHASHI et alFILING DATE
August 5, 2003GROUP
2674**U.S. PATENT DOCUMENTS**

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	5-150219	06/18/93	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM	7-199855	08/04/95	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AN	7-104710	04/21/95	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AO	7-104706	04/21/95	Japan (w/ English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AP	502600A2	09/09/92	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.